

Iowa Crops & Weather



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PESTS AND RAIN

Agricultural Summary: Rains received the past week should help corn ears and soybean pods to fill. Aphids are affecting soybeans with some fields being sprayed twice. Sudden death syndrome in soybeans is being reported in many areas. Pastures are greening up with resented rainfall. Haying and silage cutting were halted due to wet fields. Cooler temperatures associated with rains are helping livestock, though insects continue to be an issue. Farmers are preparing equipment and storage for upcoming harvest.

There were 3.9 days suitable for fieldwork, compared to 3.8 days a year ago. Topsoil moisture rated 3 percent very short, 9 percent short, 70 percent adequate, and 18 percent surplus across the state. Subsoil moisture rated 3 percent very short, 14 percent short, 71 percent adequate, and 12 percent surplus.

Field Crops Report: Corn in dough stage is at 73 percent, 1 percentage point behind last year, but 9 points ahead of the five-year average. Corn in dent stage is at 39 percent, ahead of last year's 34 percent and the five-year average of 23 percent. Corn condition rated 2 percent very poor, 6 percent poor, 21 percent fair, 52 percent good, and 19 percent excellent. Soybean condition rated 1 percent very poor, 4 percent poor, 19 percent fair, 55 percent good, and 21 percent excellent. Third cutting of alfalfa is 43 percent complete, behind last year's 62 percent and 14 percentage points behind the five-year average. All hay condition rated 4 percent very poor, 16 percent poor, 29 percent fair, 41 percent good, and 10 percent excellent.

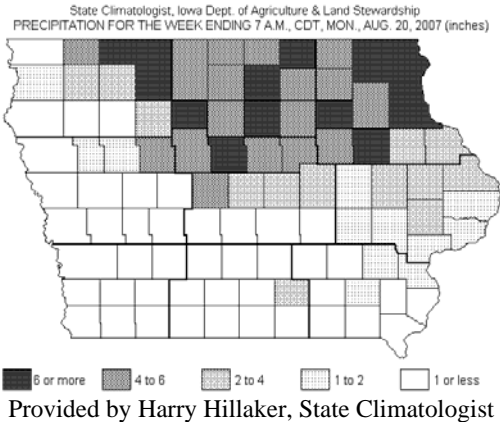
Livestock and Pasture Report: Pasture condition rated 5 percent very poor, 15 percent poor, 33 percent fair, 39 percent good, and 8 percent excellent.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

The past work week began with very warm and humid weather through Wednesday (15th). Temperatures were generally in the 80's north and central with 90's across the south. There were a few isolated thunderstorms on Monday (13th) while Tuesday (14th) brought thunderstorms to much of the northeast one-half of Iowa. Wednesday (15th) saw more thunderstorms across the northern one-half of the state. Much drier air briefly moved into Iowa on Thursday (16th) with light rain falling across much of the southern one-half of the state. Highs on Thursday were in the mid 70's east to mid 80's west. Humid air quickly moved back into the state over the weekend. Thunderstorms brought torrential rains to much of northern Iowa over the weekend with scattered rains across the south. Nearly all of the area north of a Spencer-Boone-Dubuque line saw 4 to 7 inches of rain with locally higher amounts. Weekly rain totals varied from only 0.05 inches at Allerton and 0.07 inches at Glenwood to 10.77 inches at Emmetsburg and 7.86 inches at Waukon. The statewide average precipitation was 2.52 inches, or more than double the weekly normal of 1.09 inches. This was the wettest week since May 2004. Temperatures for the week averaged from one degree below normal in the northeast to 6 degrees above normal in the southwest with a statewide average of 2.9 degrees warmer than usual. Temperature extremes ranged from a Wednesday (15th) afternoon high of 100 degrees at Keosauqua to a Saturday (18th) morning low of 54 degrees at Cresco.

Statewide Crop Conditions as of August 19, 2007					
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	6	21	52	19
Hay, all	4	16	29	41	10
Range & Pasture	5	15	33	39	8
Soybeans	1	4	19	55	21

PRELIMINARY IOWA PRECIPITATION



Field Work and Crop Progress as of August 19, 2007													
Item	Districts									State	Last Week	Last Year	Nor- mal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn in or past dough stage	77	84	72	70	76	70	62	65	68	73	52	74	64
Corn in or past dent stage	46	34	32	46	43	38	27	28	38	39	14	34	23
Hay, alfalfa - third crop harvested	60	75	50	52	54	39	35	35	47	43	34	62	57

Days Suitable & Soil Moisture Condition as of August 19, 2007												
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	4.2	3.6	3.1	3.4	4.7	3.5	4.3	4.3	4.8	3.9	4.2	3.8
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	5	1	0	4	2	0	6	3	1	3	5	3
Very short	13	4	0	10	15	2	16	9	14	9	15	15
Short	73	70	51	58	67	94	75	70	82	70	74	77
Adequate	9	25	49	28	16	4	3	18	3	18	6	5
Surplus												
Subsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	12	3	0	4	1	0	1	6	1	3	8	11
Very short	24	7	2	15	19	0	22	18	16	14	24	33
Short	61	76	63	57	68	97	75	67	81	71	65	53
Adequate	3	14	35	24	12	3	2	9	2	12	3	3
Surplus												

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, August 19, 2007

STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	87	55	71	3	3.27	2.43	14.78	-1.11	152	18
Sioux Center	90	56	76	5	1.40	0.63	12.47	-3.35	183	33
Spencer	90	56	73	3	2.42	1.51	13.24	-3.49	161	18
Spirit Lake	92	59	73	4	6.12	5.28	18.25	2.45	165	4
North Central District										
Britt	87	56	71	-1	4.04	3.27	21.03	3.47	147	1
Humboldt	86	59	72	2	4.69	3.85	22.08	4.05	158	9
Mason City	86	56	71	2	2.44	1.53	22.48	4.16	148	7
Osage	87	55	70	-1	3.57	2.55	18.69	0.14	140	-17
North East District										
Decorah	87	57	70	-2	5.69	4.78	26.01	8.07	140	-7
Dubuque	87	57	71	2	1.28	0.23	20.77	1.88	151	11
Elkader	88	55	70	0	3.34	2.36	25.96	8.06	145	-16
Fayette	86	57	70	0	2.27	1.29	26.03	7.21	143	0
Waterloo	88	56	73	3	1.53	0.74	22.61	3.63	162	18
West Central District										
Carroll	89	60	76	5	1.90	1.06	21.28	2.02	180	31
Castana	90	63	76	5	1.30	0.49	21.77	5.00	187	40
Guthrie Center	88	61	76	5	1.36	0.38	32.64	14.12	187	33
Harlan	89	63	76	5	1.15	0.38	24.11	6.45	187	42
Jefferson	90	60	76	6	1.09	0.25	22.53	3.27	185	36
Logan	90	65	78	5	1.80	1.03	26.03	8.61	195	35
Rockwell City	86	58	73	2	0.99	0.15	22.50	4.38	165	13
Sac City	88	60	74	4	1.44	0.60	22.88	5.19	172	23
Sioux City	90	60	78	5	0.71	0.08	19.95	5.18	194	32
Central District										
Boone	93	59	75	4	2.62	1.71	22.17	2.88	176	27
Des Moines	93	65	80	6	0.86	-0.12	20.14	2.32	209	39
Grundy Center	88	58	73	4	2.47	1.63	27.11	8.41	163	26
Marshalltown	88	56	75	5	0.65	-0.40	17.07	-2.05	175	32
Newton	88	60	76	5	0.96	0.11	17.72	-0.38	185	28
Perry	89	60	76	6	0.71	-0.20	24.05	5.74	185	37
Toledo	87	59	74	4	0.46	-0.59	18.88	-0.57	167	22
East Central District										
Cedar Rapids	89	58	74	4	0.62	-0.29	19.16	1.18	172	22
Davenport	90	57	75	2	1.02	0.04	22.68	4.87	173	12
Iowa City	91	61	77	4	0.21	-0.77	18.71	-1.20	188	21
Lowden	91	57	73	3	1.14	0.09	21.44	1.54	164	13
Maquoketa	86	56	71	0	1.60	0.61	23.12	5.27	150	6
Muscatine	92	61	77	4	0.45	-0.41	21.29	2.65	190	48
South West District										
Atlantic	94	66	79	9	0.79	0.02	23.71	6.79	205	56
Clarinda	93	67	79	7	1.14	0.16	25.64	5.36	203	45
Glenwood	95	64	79	7	1.55	0.69	22.63	4.11	206	41
Red Oak	94	69	80	7	1.76	0.80	24.86	4.86	213	43
Sidney	94	69	79	6	0.51	-0.45	20.55	1.52	204	38
South Central District										
Allerton	92	65	78	6	1.42	0.50	27.04	8.18	196	66
Beaconsfield	91	67	78	6	1.05	0.15	26.19	7.82	196	37
Chariton	92	62	78	6	0.75	-0.13	22.95	3.74	195	37
Indianola	91	61	77	5	1.18	0.33	21.63	3.11	188	32
Leon	94	66	79	7	1.09	0.05	24.50	5.42	205	44
South East District										
Bloomfield	94	64	79	6	0.53	-0.47	20.35	1.25	205	40
Burlington	95	64	81	8	0.24	-0.60	17.76	-0.15	218	55
Ottumwa	92	60	78	5	0.34	-0.50	22.58	4.75	198	30
Washington	92	59	77	4	0.56	-0.26	30.12	12.60	191	43

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.
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